

## ABSTRACT OF THE DISCLOSURE

An image forming apparatus which performs  
pulsewidth modulation with a pulsewidth set by  
5 counting a clock. Especially, for grayscale level  
correction by setting the frequency of the clock, the  
periodic clock is counted, and an output pattern is  
changed in accordance with a count value of the clock.  
Otherwise, information corresponding to a clock  
10 pattern is stored in advance, and the information is  
sequentially read and used as a clock. Otherwise, a  
clock source in which the frequency is controlled by a  
control signal is used.